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Cnidaria (Anthozoa) described by E. Calabresi which are present in the collections of the Zoological Museum «La Specola» in Florence

Abstract - Nine taxa belonging to four families of the class Anthozoa are listed. The specimens were described by the late Dr. Enrica Calabresi and are deposited in the collections of the Zoological Museum «La Specola» - Section of the Natural History Museum, University of Florence.

Keywords: Cnidaria, Anthozoa, systematics.

Riassunto - Cnidaria (Anthozoa) descritti da E. Calabresi, presenti nelle collezioni del Museo Zoologico «La Specola» di Firenze.

Sono elencati nove taxa appartenenti a quattro famiglie della classe Anthozoa. Gli esemplari sono stati descritti dalla Dr. Enrica Calabresi e sono depositati nelle collezioni del Museo Zoologico «La Specola» - Sezione del Museo di Storia Naturale dell'Università degli Studi di Firenze.

Parole chiave: Cnidaria, Anthozoa, sistematica.

Introduction

We list 9 taxa belonging to 4 families of the class Anthozoa originally deposited in the collections of the Zoological Museum «La Specola» - Section of the Natural History Museum, University of Florence. The material derived from the hydrographic expedition in the Red Sea of the ship Regia Nave «Ammiraglio Magnaghi» (1923-1924) (Sanzo, 1928) and was described by Dr. Enrica Calabresi¹ (1926, 1927a, 1927b, 1928). Unfortunately, part of this important type material has been lost. In fact, comparison of the papers by Calabresi with the specimens present in the Museum collection

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¹ This paper is dedicated to her memory. Enrica Calabresi (1891-1944) worked in this Museum in the 1920s-30s, but in 1933 she left her post at the University of Florence for the University of Pisa. In 1938, for racial motives (she was Jewish), her qualification as a university lecturer was revoked (Baccetti, 1986).

revealed the loss of the species described from single specimen sectioned and mounted on glass slides; thus only the written documentation remains. Instead, for the species represented by more than one specimen, these are preserved as syntypes.

In this short paper, we follow the systematic scheme suggested in The Zoological Record. For each taxon, we indicate the genus, species, number of specimens, museum ID number, date and locality of collection, bathymetric reading, type category and relevant notes.

All the data recorded on the original collection card are reported in full and, where possible, are supplemented with further information deriving from the work by Sanzo (1928).

Results

Class: Anthozoa

Subclass: Ceriantipatharia

Order: Ceriantharia

Family: Cerianthidae

Syndactylactis major Calabresi 1927

16 spec. [plus 2 sectioned spec.], No. 825, 11.12.1923, station 75, SE of Perim, 12°16' N, 44°2' E, -340 m, syntypi.

Isodactylactis affinis Calabresi 1927

2 spec. [plus 2 sectioned spec.], No. 821, 24.04.1924, station 138, SW of Aden, 12°5' N, 44°47' E, syntypi.

1 spec., No. 824, 5.05.1924, station 141, SE of Perim, 12°22' N, 43°46' E, -315 m, syntypus.

Isodactylactis obscura Calabresi 1927

1 spec., 16.12.1923, station 82, off the coast of Ras Dumeirak, 12°46'30" N, 43°11'40" E, -50 m, holotypus. (spec. missing).

Family Botrocnudiferidae

Cerianthula carlgreni Calabresi 1927

3 spec. [plus 2 sectioned spec.], No. 819, 24.04.1924, station 138, SW of Aden, 12°5' N, 44°47' E, -200 m, syntypi.

2 spec., No. 822, 4.05.1924, station 140, SE of Aden, 11°55' N, 45°51'30" E, -800-1000 m, syntypi.

Cerianthula sennai Calabresi 1927

2 spec. [plus 3 sectioned spec.], No. 820, 4.05.1924, station 140, SE of Aden, 11°55' N, 45°51'30" E, -200-800 m, syntypi.

1 spec., No. 823, 11.12.1923, station 75, SE of Perim, 12°16' N, 44°02' E, -340 m, syntypus.

1 spec., 24.04.1924, station 138, SW of Aden, 12°5' N, 44°47' E, -200 m, syntypus (spec. missing).

Family Acontiferidae

Isarachnactis magnaghii Calabresi 1928

1 spec. (specimen a) [plus 2 sectioned spec.], No. 826, 22.05.1924, station 154, NE of the Daedalus rock, 25°9' N, 36°2' E, -600-1000 m, syntypi.

1 spec. (specimen d), no. 827, 15.05.1924, station 148, E of Port Sudan, 19° 37' N, 37° 27' 10" E, -700 m, syntypus.

Dactylactis laevis Calabresi 1928

1 spec., 24.04.1924, station 138, SW of Aden, 12° 5' N, 44° 47' E, -400 m, holotypus, (spec. missing).

Isarachnactis brevis Calabresi 1928

1 spec., 24.04.1924, station 138, SW of Aden, 12° 5' N, 44° 47' E, -100 m, holotypus, (spec. missing).

Subclass: Zoantharia

Order: Actiniaria

Family Hormathiidae

Paraphellia sanzoi Calabresi 1926.

1 spec., No. 828, 3-7.10.1923, Egypt, station 4, Port Said, 31° 7' 46" N, 32° 19' 34" E, -11.3 m, holotypus. Note: spec. attached to an *Ostrea* shell in the middle of some individuals of *Aiptasiomorpha* (= *Actinia*) *diaphana* (Rapp 1829).

Discussion

Six of the 9 species originally described by Dr. Calabresi and deposited in the Zoological Museum «La Specola» are still present:

Syndactylactis major Calabresi 1927

Isodactylactis affinis Calabresi 1927

Cerianthula carlgreni Calabresi 1927

Cerianthula sennai Calabresi 1927

Isarachnactis magnaghii Calabresi 1928

Paraphellia sanzoi Calabresi 1926

With the exception of *Paraphellia sanzoi* Calabresi 1926, all of the listed species lack the holotypes, which presumably (as explained previously) are the missing sectioned specimens.

With regard to *Isarachnactis magnaghii* Calabresi 1928, the two specimens present in the collection are denoted by the letters 'a' and 'd'. This implies the existence of specimens 'b' and 'c', probably utilized for the dissection and description of the species (holotypes).

Unfortunately, specimens of three species are completely missing:

Isodactylactis obscura Calabresi 1927

Dactylactis laevis Calabresi 1928

Isarachnactis brevis Calabresi 1928.

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